



渭南东江天成实业有限公司  
Summit Ingredients Co., Ltd  
陕西省渭南市经开区中国酵素城  
China Enzyme City,Weinan City,Shaanxi,China  
T:+8602984493891 E:sales@summitingredients.com  
F:+8602984493891 W:www.summitingredients.com

## SPECIFICATION

<b>Product Name</b>	L-Glutathione Reduced
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Item	Specification
<b>Physical&amp;Chemical Control</b>	
Appearance	White crystal or crystalline powder freely soluble in water,very slightly
Assay(dried substance)	98%~102%
Solubility	Soluble in ethanol and in methylene chloride
Specific Rotation	-15.5°~-17.5°
Bulk Density	≥0.2g/ml
Tap Density	≥0.4g/ml
Identification IR	Similar with the reference spectrum
Clarity and Color(solution)	Clear and colourless
Chloride(Cl)	≤0.02%
Sulfate	≤0.03%
Ammonium salt	≤0.02%
Iron	≤0.001%
Loss on Drying	≤0.5%
Residue on ignition	≤0.1%
Related substance	GSSG≤1.5% Total impurity≤2.0%
<b>Heavy Metals</b>	
Heavy Metals	NMT10ppm
Lead(Pb)	NMT2ppm
Arsenic (As)	NMT1ppm
Mercury(Hg)	NMT0.2ppm
Cadmium(Cd)	NMT0.3ppm
<b>Microbiology Control</b>	
Total Plate Count	NMT1000cfu/g
Yeast & Mold	NMT50CFU/g
Coliforms	NMT100cfu/g
Salmonella	Negative
Staphylococcus Aureus	Negative
<b>Storage</b>	Packed in paper-drums and two plastic-bags inside,25kg/Drum. Store in cool & dry place,Keep away from strong light and heat.



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<b>Shelf Life</b>	24 months if sealed and stored away from strong sun light and heat.
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